creating [an imaginary platform of] reference points located precisely with respect to the patient's spine, forming concave surfaces in adjacent spinal bone, and inserting between the formed bone surfaces a vertebral disc endoprosthesis including confronting concaval-convex supports, each support having an exterior convex surface adapted to mate with the adjacent formed concave spinal bone surface, the endoprosthesis further including a resilient body element interposed between the concaval-convex supports, and thereafter affixing the concaval-convex supports to the adjacent bone.

C1 Cont.

28. (Once Amended) A method of surgery according to Claim ~~26~~ 4 further including the steps of attaching a screw to each concaval-convex support and screwing said screw into [an] the implanted anchor.

C2

35. (Once Amended) A method of endoprosthetic discectomy surgery comprising the steps of receiving information about the size, shape and nature of a patient's involved and proximate normal natural spinal vertebral bodies and natural spinal vertebral discs from known imaging devices, thereafter constructing at least one vertebral disc endoprosthesis comprising a resilient disc body and concaval-convex elements at least partly surrounding the resilient disc body, removing at least the involved, natural spinal discs from the patient's spine , forming concave surfaces in adjacent spinal bone, and thereafter implanting the vertebral disc endoprosthesis in the patient's spine.

C3

REMARKS:

This Application is a divisional Application Ser. No. 08/681,230, issued on 07 October 1997 at U.S. Patent No. 5,674,296. Claims 1 - 22, 31, 33, 34 and 36 - 53 of the current Specification were allowed in that case.

18